

readers who have been puzzled with the new names applied to parts of animals, or used as the designations of phenomena in their life-history, will be glad to hear that a very great number of them are intelligibly explained in Mr. Pascoe's glossary. In fact the book as it stands may be heartily recommended to all who want a useful, portable, and trustworthy compendium of systematic zoology.

*A Monograph of the Silurian Fossils of the Girvan District in Ayrshire.* By H. A. NICHOLSON, M.D., D.Sc., &c., and R. ETHERIDGE, Jun., F.G.S. Fasciculus II. 8vo. Pp. 137-234, plates x.-xv. Edinburgh: Blackwood and Sons, 1880.

THE second fasciculus of the above work, although not so extensive as the first part as regards the plates and letterpress, is equally interesting. It is occupied wholly with the Crustacea from the Silurian rocks of Girvan, and contains descriptions of the remaining Trilobita, continued from the first part, as well as of the forms referred to the Phyllopoda, Cirripedia, and Ostracoda, which groups, however, will be further supplemented in the third part, in consequence of additional material recently collected, embracing either new species, or adding to the already available information as to forms previously described.

The descriptions include about 40 species of Trilobita, 4 Phyllopoda, 1 Cirripede, and 8 Ostracoda; the notes on the latter group have been furnished by Prof. T. Rupert Jones.

This part contains a table showing the geographical distribution (in twenty-three localities) of the species of Crustacea in the Girvan district, and some general remarks on the stratigraphical relations of the species as a whole, more especially in regard to the evidence afforded by them of the age of the beds in which they occur; and these are referred to the Caradoc, Lower Llandovery, and Upper Silurian formations.

In comparing the range of corals and crustacea it will be observed there is an increase in the number of localities yielding Trilobites, or other orders of Crustacea, over those from which corals have been obtained. Whether this result will be maintained after additional researches remains to be seen. "It is, however, noteworthy that at certain localities where the coral-fauna has been found to be copious, the Crustacea are correspondingly scarce, and *vice versa*."

The Plates, with the exception of pl. xv., which is faint, are well executed; and the authors have spared no labour to render the descriptions and references as exhaustive as possible, by the careful comparison of original specimens, figures, and descriptions of previously described similar forms.